

Attorney's docket 22733

Box Patent Application  
Commissioner of Patents and Trademarks  
Washington, DC 20231

**CERTIFICATE OF EXPRESS OR  
FIRST CLASS MAILING**

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Signature  
The Firm of Karl F. Ross, P.C.

**NEW APPLICATION TRANSMITTAL**

**PATENT**

Transmitted herewith for filing is the patent application of inventors:

	First Name	Last Name	Residence	Citizenship
1.	Rainer	DITTRICH	Duisburg, Germany	Germany
2.	Rainer	TEWORTE	Schwerte, Germany	Germany
3.	Dieter	TEMBERGEN	Duisburg, Germany	Germany

For (title):

**METHOD OF DEGASSING MOLTEN STEEL**

**1. Type of Application**

- ☒ Utility
- ☐ Design
- ☐ Plant
  
- ☒ Original
- ☐ Divisional
- ☐ Continuation
- ☐ Continuation-in-part

**2. Benefit of Prior US Application(s) (35 USC 120) or foreign priority (35 USC 119)**

- ☐ The new application being transmitted claims the benefit of a prior US application.
- ☒ Foreign priority claimed (see ¶9)

**3. Papers Enclosed Required For Filing Date Under 37 CFR 1.53(b) (Uti.) or 37 CFR 1.153 (Des.)**

- ☒ Pages of specification (15)
- ☒ Pages of claims (2)
- ☒ Pages of Abstract (1)
- ☒ Sheets of Drawing (2)
  - ☒ Formal
  - ☐ Informal

031088 U.S. PTO  
10/728117  
120403

**4. Additional papers enclosed**

- ☐ Preliminary Amendment
- ☐ Information Disclosure Statement
- ☒ PTO-1449
- ☒ Citations (1)
- ☐ Declaration of Biological Deposit
- ☐ Submission of "Sequence Listing," computer-readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino-acid sequence
- ☐ Authorization of Attorney(s) to accept and follow instructions from Representative
- ☒ Other -- PTO Data Entry Form (2 pages)
- ☐ Other

**5. Declaration or Oath**

- ☐ Enclosed
  - original executed by
    - ☐ Inventor(s)
    - ☐ legal representative of inventor(s). 37 CFR 1.42 or 1.43
    - ☐ joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or could not be reached
      - ☐ this is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached
- ☒ Not Enclosed
  - ☒ Application is made by a person authorized under 37 CFR 1.41(c) on behalf of all the above-named inventor(s).
  - ☐ Showing that the filing is authorized.

**6. Inventorship Statement**

The inventorship for all the claims in this application is:

- ☒ The same
- ☐ Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made
  - ☐ is submitted.
  - ☐ will be submitted.

**7. Language**

- ☒ English
- ☐ non-English
- ☐ the attached translation is a verified translation. 37 CFR 1.52(d).

**8. Assignment**

- ☒ An assignment of the invention to SMS Mevac GmbH
  - ☐ is attached.
  - ☒ will follow.

**9. Certified Copy**

Certified copies of applications

**Country****Number****Date**

Germany

10258688.8

13 December 2002

Germany

10347200.2

10 October 2003

from which priority is claimed

- ☐ is(are) attached.  
☒ will follow.

**10. Fee calculation**

- ☒ **A. Utility application**

**CLAIMS AS FILED**

	No. Filed	Base No.	No. Extra	Rate	Basic fee
Total claims	11	20	0	\$18.00	\$770.00
Independent claims	1	3	0	\$86.00	\$0.00
Mult. dep. claims	No	n/a	n/a	\$290.00	\$0.00

- ☐ Amendment canceling extra claims enclosed.  
☐ Amendment canceling multiply dependent claims enclosed.  
☐ Fee for extra claims is not being paid at this time.

Filing Fee Calculation

**\$770.00**

- ☐ **B. Design application**  
 (\$.00—37 CFR 1.16(f))

Filing fee calculation

**\$00.00**

- ☐ **C. Plant application**  
 (\$490.00—37 CFR 1.16(g))

Filing fee calculation

**\$00.00****11. Entity Status**Applicant herewith qualifies as a **LARGE** entity.**12. Request for International-Type Search (37 CFR 1.104(d))**

- ☐ Please prepare an international-type search report for this application at the time when national examination on the merits takes place.

**13. Fee Payment**

- ☒ Not enclosed.  
☒ No filing fee is to be paid at this time.
- ☐ Enclosed.
- |                                                                                                                                                                             |               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| <input type="checkbox"/> basic filing fee                                                                                                                                   | \$0.00        |
| <input type="checkbox"/> petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or could not be reached | \$0.00        |
| <input type="checkbox"/> for processing an application with a specification in a non-English language                                                                       | \$0.00        |
| <input type="checkbox"/> processing and retention fee                                                                                                                       | \$0.00        |
| <input type="checkbox"/> fee for international-type search report                                                                                                           | \$0.00        |
| <b>Total fees enclosed</b>                                                                                                                                                  | <b>\$0.00</b> |

**14. Method of Payment of Fees**

- ☐ Check in the amount of \$0.00
- ☐ Charge Account 18-2025 for \$0.00. A duplicate of this form is attached.
- ☐ Charge to credit card (PTO-2038 attached.)

**15. Authorization to Charge Additional Fees**


- ☐ The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to account 18-2025.
- ☐ 37 CFR 1.16(a), (f), or (g) (filing fees)
  - ☐ 37 CFR 1.16(b), (c), or (d) (extra claims)
  - ☐ 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
  - ☐ 37 CFR 1.17 (application processing fees)
  - ☐ 37 CFR 1.18 (issue fee at or before mailing of Notice of Allowance pursuant to 37 CFR 1.31(b))

**16. Instructions As To Overpayment**

- ☐ credit account 18-2025  
☐ refund

4 December 2003

The Firm of Karl F. Ross P.C.

  
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